

## EAST Search History

| Ref # | Hits | Search Query   | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------|------------------|---------|------------------|
| L2    | 0    | "5289269".pn. and (half adj pitch)                                     | USPAT                  | OR               | OFF     | 2007/06/05 15:33 |
| L3    | 1    | "5289269".pn. and (half adj3 pitch)                                    | USPAT                  | OR               | OFF     | 2007/06/05 15:33 |
| L4    | 0    | "5289269".pn. and (half adj3 pitch adj3 odd)                           | USPAT                  | OR               | OFF     | 2007/06/05 15:33 |
| L5    | 1    | "5289269".pn. and (half adj3 pitch same odd)                           | USPAT                  | OR               | OFF     | 2007/06/05 15:34 |
| L6    | 3    | ("4725881"   "4829368"   "5119208").PN.                                | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2007/06/05 16:06 |
| L7    | 0    | "4829368".pn. and (half adj3 pitch)                                    | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2007/06/05 16:06 |
| L8    | 0    | "4725881".pn. and (half adj3 pitch)                                    | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2007/06/05 16:06 |
| L9    | 0    | "5119208".pn. and (half adj3 pitch)                                    | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2007/06/05 16:06 |
| L10   | 0    | "7139028".pn. and (color adj reproduction)                             | USPAT                  | OR               | OFF     | 2007/06/05 16:35 |
| L11   | 0    | "7139028".pn. and (reproduction)                                       | USPAT                  | OR               | OFF     | 2007/06/05 16:36 |
| L12   | 1    | "7139028".pn. and (processing)   | USPAT                  | OR               | OFF     | 2007/06/05 16:38 |
| L13   | 1    | "715476".ap. and (color adj matching adj function)                     | US-PGPUB               | OR               | OFF     | 2007/06/05 16:40 |
| L14   | 25   | (area adj3 (photoelec\$4 or pixel)) same (invers\$4 adj3 proportional) | USPAT                  | OR               | OFF     | 2007/06/05 16:41 |
| L15   | 25   | (area adj3 (photoelec\$4 or pixel)) same (invers\$4 adj3 proportional) | USPAT                  | OR               | OFF     | 2007/06/05 16:50 |
| L16   | 1    | "715476".ap.   | US-PGPUB               | OR               | OFF     | 2007/06/05 16:58 |
| L17   | 171  | (color adj matching adj function)                                      | US-PGPUB               | OR               | OFF     | 2007/06/05 16:59 |
| L18   | 13   | (color adj reproduction) same (color adj matching adj function)        | US-PGPUB               | OR               | OFF     | 2007/06/05 16:59 |
| L19   | 13   | (color adj reproduction) same (color adj matching adj function)        | USPAT                  | OR               | OFF     | 2007/06/05 17:32 |
| L20   | 0    | "5063439".pn. and (color adj process\$4)                               | USPAT                  | OR               | OFF     | 2007/06/05 17:08 |
| L21   | 1    | "5063439".pn. and (process\$4)   | USPAT                  | OR               | OFF     | 2007/06/05 17:09 |
| L22   | 1    | "5063439".pn. and (process\$4 same green)                              | USPAT                  | OR               | OFF     | 2007/06/05 17:09 |
| L23   | 2    | ("4930008"   "4965663").PN.  | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2007/06/05 17:22 |

## EAST Search History

|     |     |   |                        |    |     |                  |
|-----|-----|---|------------------------|----|-----|------------------|
| L24 | 10  | ("5063439").URPN.   | USPAT                  | OR | OFF | 2007/06/05 17:24 |
| S1  | 156 | 348/272.ccls.   | USPAT                  | OR | OFF | 2007/05/31 10:05 |
| S2  | 0   | S1 and (photoelectric adj conversion adj area)  | USPAT                  | OR | OFF | 2007/05/30 09:54 |
| S3  | 5   | 348/272 and (photoelectric adj conversion adj area)   | USPAT                  | OR | OFF | 2007/05/30 10:07 |
| S4  | 5   | 348/272 and (photoelectric adj conversion adj area)   | US-PGPUB               | OR | OFF | 2007/05/30 10:07 |
| S5  | 0   | "7139028".pn. and "405"   | USPAT                  | OR | OFF | 2007/05/30 11:51 |
| S6  | 0   | "7139028".pn. and wavelength  | USPAT                  | OR | OFF | 2007/05/30 11:51 |
| S7  | 0   | "7139028".pn. and wave  | USPAT                  | OR | OFF | 2007/05/30 11:51 |
| S8  | 0   | "7139028".pn. and frequency]  | USPAT                  | OR | OFF | 2007/05/30 11:51 |
| S9  | 1   | "7139028".pn. and frequency   | USPAT                  | OR | OFF | 2007/05/30 11:52 |
| S10 | 1   | "7139028".pn. and impur\$5  | USPAT                  | OR | OFF | 2007/05/30 14:46 |
| S11 | 0   | "7139028".pn. and magenta   | USPAT                  | OR | OFF | 2007/05/30 14:57 |
| S12 | 1   | "7139028".pn. and camera  | USPAT                  | OR | OFF | 2007/05/30 14:57 |
| S13 | 0   | "7139028".pn. and passive   | USPAT                  | OR | OFF | 2007/05/30 15:35 |
| S14 | 0   | "7139028".pn. and active  | USPAT                  | OR | OFF | 2007/05/30 15:40 |
| S15 | 0   | "7139028".pn. and (half adj pitch)  | USPAT                  | OR | OFF | 2007/05/30 15:41 |
| S16 | 1   | "7139028".pn. and (pitch)   | USPAT                  | OR | OFF | 2007/05/31 10:06 |
| S18 | 1   | "715476".ap.  | US-PGPUB               | OR | OFF | 2007/05/31 10:06 |
| S19 | 0   | (photoelectric adj conversion) and (yellow adj spectral adj sensitivity)  | USPAT                  | OR | OFF | 2007/05/31 11:49 |
| S20 | 1   | (photoelectric adj conversion) and (yellow adj spectral)  | USPAT                  | OR | OFF | 2007/05/31 11:49 |
| S21 | 1   | ("6933972").URPN.   | USPAT                  | OR | OFF | 2007/05/31 12:00 |
| S22 | 15  | ("4602289"   "5118924"   "5471515"   "5479049"   "5541402"   "5587596"   "5602585"   "5693967"   "5793071"   "5886659"   "5898168"   "6046466"   "6236434"   "6344877"   "6522356").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/31 12:02 |
| S23 | 0   | (photoelectric adj conver\$4) with (complimentary adj color adj filter)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/31 12:03 |
| S24 | 13  | (complimentary adj color adj filter)  | USPAT                  | OR | OFF | 2007/05/31 12:04 |
| S25 | 4   | "6829008" and conversion  | USPAT                  | OR | OFF | 2007/05/31 12:05 |
| S26 | 0   | "6829008.pn." and conversion  | USPAT                  | OR | OFF | 2007/05/31 12:05 |
| S27 | 0   | "6829008.pn." and photoelectric   | USPAT                  | OR | OFF | 2007/05/31 12:05 |
| S28 | 0   | "6829008.pn."   | USPAT                  | OR | OFF | 2007/05/31 12:05 |

## EAST Search History

|     |       |   |          |    |     |                  |
|-----|-------|---|----------|----|-----|------------------|
| S29 | 1     | "6829008".pn.   | USPAT    | OR | OFF | 2007/05/31 15:58 |
| S30 | 1     | "6829008".pn. and conversion  | USPAT    | OR | OFF | 2007/05/31 15:56 |
| S31 | 1     | "6829008".pn. and 12c   | USPAT    | OR | OFF | 2007/05/31 15:56 |
| S32 | 10531 | (green with magenta with yellow with cyan)                                  | USPAT    | OR | OFF | 2007/05/31 15:57 |
| S33 | 4018  | (green adj4 magenta)  | USPAT    | OR | OFF | 2007/05/31 15:57 |
| S34 | 733   | S33 adj yellow  | USPAT    | OR | OFF | 2007/05/31 15:57 |
| S35 | 32    | S34 adj cyan  | USPAT    | OR | OFF | 2007/05/31 15:57 |
| S36 | 0     | "6829008".pn. and magenta   | USPAT    | OR | OFF | 2007/05/31 15:58 |
| S37 | 0     | "6829008".pn. and cyan  | USPAT    | OR | OFF | 2007/05/31 15:58 |
| S38 | 0     | "6829008"".pn"  | USPAT    | OR | OFF | 2007/05/31 15:58 |
| S39 | 0     | "6829008"".pn."   | USPAT    | OR | OFF | 2007/05/31 15:59 |
| S40 | 1     | "6829008".pn.   | USPAT    | OR | OFF | 2007/05/31 15:59 |
| S41 | 0     | "6829008".pn. and magenta   | USPAT    | OR | OFF | 2007/05/31 15:59 |
| S42 | 0     | "6829008".pn. and cyan  | USPAT    | OR | OFF | 2007/05/31 15:59 |
| S43 | 1     | "6829008".pn. and green   | USPAT    | OR | OFF | 2007/05/31 15:59 |
| S44 | 13    | complimentary adj color adj filter  | USPAT    | OR | OFF | 2007/05/31 16:34 |
| S45 | 0     | "7139028".pn. and passive   | USPAT    | OR | OFF | 2007/05/31 16:34 |
| S46 | 0     | "7139028".pn. and active  | USPAT    | OR | OFF | 2007/05/31 16:34 |
| S47 | 1     | "7139028".pn.   | USPAT    | OR | OFF | 2007/05/31 16:45 |
| S48 | 73    | 348/264.ccls.   | USPAT    | OR | OFF | 2007/05/31 16:35 |
| S49 | 0     | 348/264.ccls. and (offset\$4) adj4 (odd adj line\$1) adj5 (half adj3 pitch) | USPAT    | OR | OFF | 2007/05/31 16:36 |
| S50 | 0     | 348/264.ccls. and (offset\$4) and (odd adj line\$1) adj5 (half adj3 pitch)  | USPAT    | OR | OFF | 2007/05/31 16:36 |
| S51 | 1     | 348/264.ccls. and (offset\$4) and (line\$1) adj5 (half adj3 pitch)          | USPAT    | OR | OFF | 2007/05/31 16:36 |
| S52 | 5     | "715476".ap.  | USPAT    | OR | OFF | 2007/05/31 16:45 |
| S53 | 0     | "7139028".pn.   | US-PGPUB | OR | OFF | 2007/05/31 16:45 |
| S54 | 1     | "715476".ap.  | US-PGPUB | OR | OFF | 2007/05/31 16:45 |
| S55 | 8     | (depth adj4 (substrate or layer)) same (spectral adj2 sensit\$5)            | USPAT    | OR | OFF | 2007/06/04 16:22 |